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**IMPLANTABLE CARDIAC STIMULATION DEVICE HAVING  
AUTOMATIC SENSITIVITY CONTROL AND METHOD**

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**Abstract of the Disclosure**

10 An implantable cardiac stimulation device and method provides  
reliable sensing of cardiac events to support cardiac pacing or fibrillation  
detection. The device comprises a sensing circuit that senses the cardiac  
events in accordance with a plurality of threshold characterizing  
parameters. A parameter control adjusts the threshold parameters  
responsive to the rate of the sensed cardiac events in a manner which  
15 precludes positive feedback to prevent continued oversensing,  
undersensing, or noise sensing.

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